SHARP®

MX-C400P
MX-B400P

WORKGROUP LASER PRINTERS

HIGH PERFORMANCE, LOW OPERATING COSTS, POWERFUL RESULTS

4.3" Color Navigation Panel makes operation simple with an informative graphical user interface.

Help improve your organization's productivity, efficiency, and bottom line with the Sharp MX-C400P and MX-B400P workgroup laser printers. Offered in both full color and monochrome versions, these new additions to the Sharp Frontier product line provide high performance and professional quality output combined with low cost-per-print operation to help control day-to-day expenses. Built with the same dynamic architecture as Sharp's line of award-winning Frontier MFPs—and sharing common options and supplies with these products—the MX-C400P and MX-B400P will integrate easily into your existing workgroup configuration. The MX-C400P delivers rich, vibrant color prints, while the MX-B400P produces crisp black and white output—all at an impressive speed of 40 pages per minute. A high-resolution, color LCD Screen with graphical user interface simplifies operations. With the latest Sharp OSA® development platform, integration with network software applications has never been easier. And to safeguard the confidentiality of your intellectual property, Sharp's industry-leading security suite is second to none.

Advanced features help maximize efficiency, enhance productivity and streamline workflow.

- Professional quality printing at a speed of **40 pages per minute** produces documents quickly and accurately in vivid color (MX-C400P) and in crisp black and white (MX-B400P).
- Powerful 1 GHz (MX-C400P) and 800 MHz (MX-B400P) processors help **enhance performance** and increase productivity in busy work environments.
- High-resolution, color navigation panel with **informative graphical user interface** makes advanced printing functions easy to use.
- Sharp's easy-to-use **Document Filing System** provides a high-capacity 80 GB of hard drive space for fast document storage and retrieval.
- **Convenient Direct Printing** functionality–direct USB memory, network folder, FTP server, printer's Hard Disk Drive, embedded Web Page, and E-mail printing–provides a whole new level of accessibility. Print all of the following file types, without needing to use a print driver: PDF, Encrypted PDF, JPEG, TIFF, PostScript®, XPS, TXT, PCL, and PRN.*
- State-of-the-art Frontier laser printers integrate into existing IT infrastructures with full support of both Windows® and Mac®, as well as other systems such as Linux® and AS400, for **seamless operation**.
- The **optional space-efficient Inner Finisher** not only provides exceptional productivity, but also automates time-consuming tasks such as stapling, sorting, and offset stacking.
- The cutting-edge Sharp **Remote Front Panel** feature allows administrators and help desk professionals to access and control the device from a remote PC workstation.
- Third-generation **Sharp OSA** development platform enables users to access network applications directly from the device's display panel, helping to control access and enhance usage.
- Sharp's latest **award-winning** document and network security suite safeguards the confidentiality of your intellectual property through user authentication and more.
- **Environmentally-friendly** design offers low power consumption and long-life parts, supported by Sharp's toner recycling program.

**Some features may require optional equipment.*

MX-C400P/MX-B400P SPECIFICATIONS

Main Specifications

MX-C400P/ MX-B400P	Includes high-performance controller, 80 GB HDD, PCL 6/PostScript® 3 network printing, auto-duplex, 500-sheet paper drawer and 100-sheet bypass. Black (MX-C400P/MX-B400P) and color (MX-C400P) developer is included in the box.
Type (MX-C400P) (MX-B400P)	Digital Full Color Workgroup Laser Printer Digital Monochrome Workgroup Laser Printer
Display	4.3 inch color LCD
Print System	Electrophotographic system (laser)/Dry-type dual component developer/Magnetic brush development/OPC drums/Heat roller fusing
Printing gradation	Equivalent to 256 levels
Print area	Entire page excluding margin of 11/64" at each edge[1]
Print Size	Min 5 1/2" x 8 1/2", Max 8 1/2" x 14"
Print ratio	100%/Reduced/Enlarged
Print Speed	MX-C400P: 40 ppm B&W/Color (Letter) MX-B400P: 40 ppm B&W (Letter)
First Print Time	Color print time: 8.9 seconds or less[2] Black and white print time: 8.0 seconds or less[2]
Warm-Up Time	90 seconds or less[2]
CPU	MX-C400P: Power QUICCIII-MPC8533E/1,000MHz MX-B400P: Power QUICCIII-MPC8533E/800MHz
Memory	Standard 1 GB (MX-C400P) and 512 MB (MX-B400P) system memory
Hard Disk Drive	80 GB (38 GB Main Folder)
Account Control	Up to 1000 users. Supports user-number authentication (on device), login name/ management, date/character/page stamp (color), Print, and Document Management
Paper Feed System	Standard: 500 sheet paper drawer (Letter/Legal) and 100-sheet bypass tray (Letter/Legal)[3] Optional: Up to 3 additional 500-sheet paper drawers (Letter/Legal)[3]
Output Tray Capacity	250 sheets (face down)
Duplexing	Standard automatic duplex printing
Tray full sensor	Yes
Power	AC 100-127VAC, 60HZ, 12 AMPS
Power Consumption	Maximum: 1.44kW or less
Weight	Approx. 97 lbs. (base model)
Dimensions	22 3/64" (W) x 17 1/4" (D) x 24 1/64" (H) 34 11/64" (W) x 17 1/4" (D) x 24 1/64" (H) (when bypass tray is extended)

Media

Paper sizes	Paper drawers: 8 1/2" x 14", 8 1/2" x 13 1/2", 8 1/2" x 13 2/5", 8 1/2" x 13", 8 1/2" x 11", 7 1/4" x 10 1/2", 5 1/2" x 8 1/2", A4, B5, A5, 16K (Includes automatic paper size detection function.) Bypass tray: 8 1/2" x 14", 8 1/2" x 13 1/2", 8 1/2" x 13 2/5", 8 1/2" x 13", 8 1/2" x 11", 7 1/4" x 10 1/2", 5 1/2" x 8 1/2", envelopes, A4, B5, A5, 16K (Includes automatic paper size detection function.) Paper sizes from 3 15/16" x 5 53/64" (100 mm x 140 mm) to 8 33/64" x 14 1/64" (216 mm x 356 mm) can be entered.)
Paper Types	Paper drawers: 16-28 lb. bond. Other paper types include: plain, pre-printed, recycled, pre-punched, letterhead, and color paper. Bypass Tray: 16-28 lb. bond (plain paper), 15-16 lb. (thin paper), 28 lb. bond-110 lb. index (heavy paper), 20-24 lb. (Monarch/Com-10 envelope). Other types include label paper, pre-printed, recycled, pre-punched, letterhead, color and OHP film.

Network Printing System

PDL	MX-C400P: PCL®5c, PCL6, PostScript 3 compatible, XPS[4]; MX-B400P: PCL®5e, PCL6, PostScript 3 compatible, XPS[4]
Resolution	1200 dpi, 600 dpi
Print Drivers	CD-ROM: Windows 2000, Windows XP, Windows Server® 2003, Windows Vista®, Windows 7, Windows Server 2008, MAC OS® 9.0-9.2.2, OS-X (including 10.2.8, 10.3.9, 10.4.11, 10.5-10.5.8, 10.6-10.6.1), all MAC PPD Via Download: Windows® 98, Windows ME, Windows NT® 4 (with SP5 or later), Windows XP x64, Windows Server 2003 x64, Windows Vista x64, Windows 7 x64, Windows Server 2008 x64, Windows Server 2008R2, UNIX®, Linux®[4]
Features	Continuous printing, duplex printing, pamphlet printing, N-up printing, image rotation, different cover page/last page, transparency inserts, carbon copy print mode, fit-to-page, poster print, margin shift, mirror image, watermarks, overlay, confidential print, confidential batch print, disable blank page print, print hold, bypass printing, job priority printing, direct printing, data overwrite and encryption (256 bit).[4,5]
Direct Printing	Methods: HDD, FTP, SMB, Web Page, E-mail and USB Memory File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Postscript and XPS[4]
Resident Fonts	PCL: 80 outline fonts, 28 barcode fonts, 1 bitmap font[4]; PostScript 3 compatible: 136 outline fonts

Connectivity

Interface	RJ-45 Ethernet (10Base-T/100Base-TX/1000Base-T), USB 2.0 (Host Port), USB 2.0 (Device Port)
Operating Systems	Windows 98, ME, NT4.0, 2000, XP, Server 2003/ 2008, Vista, 7, MAC OS-9.0, MAC OS-X, Novell® Netware® 3x, 4x, 5x, Sun® OS 4.1x, Solaris® 2x, UNIX, Linux, Citrix® (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services
Network Protocols	TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP, POP3, LDAP), SNMPv3, 802.1x for Windows and Unix. LPD and LPR for UNIX. IPX/SPX® for Novell environments. EtherTalk® and NetBEUI, AppleTalk for Macintosh® environments.
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Rprinter
Network Security	IP/Mac address filtering, protocol filtering, port management, user authentication and document administration
Security Standards	IEEE 2600™-2008, DoD (NSTISSP) #11, DoD Directive 8500.2, DoD (DISA)
Firmware Management	Flash ROM with local (USB); network update capability (FTP) and firmware update 1 to N with PAU (Printer Administration Utility); update via Web Page
Configuration Method	Web-based management system with user/ administrator level login security, cloning (1 to N) with PAU and remote front panel access
Service/ Maintenance	Remote Front Panel Access to service logs and click counts

500-Sheet Paper Feed Units (Options)

Dimensions	MX-CSX1 (tray 2): 21 1/16" (W) x 17 1/4" (D) x 4 13/32" (H) MX-CSX2 (tray 3, tray 4): 21 1/16" (W) x 17 1/4" (D) x 4 21/64" (H)
Power supply	Supplied from the machine
Weight	MX-CSX1: Approx. 15.0 lbs. MX-CSX2: Approx. 12.3 lbs.

Inner Finisher (Option)

Type	Built in Finisher
Output Capacity	Up to 280 sheets (Letter/Legal), 20 envelope
Output Delivery	Face down
Modes	Non-sort, offset sort, staple sort
Offset distance	1" (25 mm)
Stapling Media	Plain/Thin/Heavy/Recycled/Letterhead/ Pre-punched/Colored/Preprinted paper
Stapling Positions	Single corner position
Stapling	30 sheets (Letter/Legal)
Stapled Sets	10 bundles or 300 sheets (Letter/Legal)
Power Source	Supplied from the main unit
Weight	Approx. 19.8 lbs.
Dimensions	18 2/3" (W) x 13 1/16" (D) x 6 3/16" (H) When tray is extended: 20 1/2" (W) x 13 1/16" (D) x 6 3/16" (H)

Optional Equipment

MX-FN12P	Inner Finisher (plus Finisher Cover)
MX-CSX1	500 sheet Paper Feed Unit for Tray 2
MX-CSX2	500 sheet Paper Feed Unit for Trays 3 & 4
MX-CFABB	Base Plate with locking casters
MX-CFABD	Deluxe Cabinet with door and locking casters
MX-PUX1	XPS Expansion Kit (Requires MX-SHP1GBXPS)
MX-SHP1GBXPS	Expansion Memory 1 GB (Required for MX-PUX1)
AR-PF1	Bar Code Font Kit
MX-FR20U	Commercial Data Security Kit (MX-C400P)[6]
MX-FR21U	Commercial Data Security Kit (MX-B400P)[6]

Supplies MX-C400P:

MX-C40NTB	Black Toner Cartridge
MX-C40NTC	Cyan Toner Cartridge
MX-C40NTM	Magenta Toner Cartridge
MX-C40NTY	Yellow Toner Cartridge
MX-C40NVB	Black Developer
MX-C40NVC	Cyan Developer
MX-C40NVM	Magenta Developer
MX-C40NVY	Yellow Developer
MX-C40NRB	Black Drum Cartridge
MX-C40NRS	Color Drum Cartridge
MX-C31U1	Primary Transfer Belt Unit
MX-C31U2	Secondary Transfer Roller Unit
MX-C31FU1	Fusing Unit (120V)
MX-C31HB	Toner Collection Container
MX-C31RT	Feeding Roller Kit
MX-C31MR	MF Feeding Roller Kit
MX-SCX1	Staple Cartridge (3 cartridges per carton)

Supplies MX-B400P:

MX-B40NT1	Black Toner Cartridge
MX-C40NVB	Black Developer
MX-C40NRB	Black Drum Cartridge
MX-B40U1	Primary Transfer Belt Unit
MX-C31U2	Secondary Transfer Roller Unit
MX-C31FU1	Fusing Unit (120V)
MX-B40HB	Toner Collection Container
MX-C31RT	Feeding Roller Kit
MX-C31MR	MF Feeding Roller Kit
MX-SCX1	Staple Cartridge (3 cartridges per carton)

[1] *The actual print area may vary depending on the printer driver and the software application.*
[2] *May vary depending on product configuration, machine settings and operating and/or environmental conditions.*
[3] *Paper capacity is based on letter size paper.*
[4] *Some features require optional equipment.*
[5] *Some features not available on certain print drivers.*
[6] *Not available at time of launch.*

OSA® Sharp Open Systems Architecture

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